

PATENT

In re patent application of:

Philip Dan Cook and Andrew Mamoto Kawasaki

Serial No.: N/A

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Examiner:

**For: SUGAR MODIFIED OLIGONUCLEOTIDES THAT DETECT AND
MODULATE GENE EXPRESSION**

Commissioner of Patents & Trademarks
Washington, DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY


The undersigned, John W. Caldwell, Registration No. 28,937 of the firm WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney for Applicant(s), hereby appoints the following:

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his associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS at the above address.

Date: August 13, 1990



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